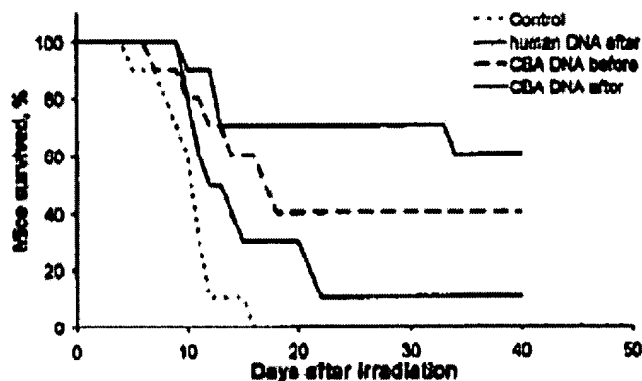


EXHIBIT 4



Survival of Mice Irradiated by Lethal Dose of γ -Irradiation after DNA Treatments. Four groups of 10 four-month old female CBA strain mice were gamma-irradiated simultaneously using ^{137}Cs irradiator with intensity 1.3 Gy/min with total dose 9.1 Gy equal approximately to LD_{100} doses. Different treatments were applied to four groups of mice. 1st, control group got placebo, daily i.p. injections of physiologic salt solution starting 30 minutes post irradiation for 3 days; 2nd, daily injections, 1 mg for first day, 0.5 mg and 0.5 mg for second and third days, of human DNA starting 30 minutes post irradiation; 3rd, one injection of 1 mg of CBA mice DNA 30 minutes before the irradiation and 4th, daily injections, 1 mg for first day, 0.5 mg and 0.5 mg for second and third days murine DNA, starting 30 minutes post irradiation.